

23026
020604

U.S. PTO

Please type a plus sign (+) inside this box



PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 27140.013

First Inventor Jack Y. Peng

Title Three-Phase Nanocomposite

Express Mail Label No. EV 312730518 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 18]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets]
5. Oath or Declaration [Total Pages 7]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document *(if applicable)*
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-In-part (CIP)

of prior application No. /

Group Art Unit: _____

Prior application Information:

Examiner _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		021907		<input type="checkbox"/> or	<input type="checkbox"/> Correspondence address below
Name	ROZSA & CHEN LLP				
Address	15910 Ventura Blvd. Suite 1601				
City	Encino	State	CA	Zip Code	91436
Country	USA	Telephone	(818) 783-0990	Fax	(818) 783-0990
Name (Print/Type)	Tony D. Chen		Registration No. (Attorney/Agent)	36,998	
Signature			Date	2-6-2004	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

31355 U.S. PTO
10/774769

020604

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 425.00)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Jack Y. Peng
Examiner Name	
Group Art Unit	
Attorney Docket No.	27140.013

METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																																																																																																																																						
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number 18-2222</p> <p>Deposit Account Name ROZSA & CHEN LLP</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th colspan="2"></th> <th></th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for ex parte reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>400</td> <td>216</td> <td>200</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>920</td> <td>217</td> <td>460</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1,440</td> <td>218</td> <td>720</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>1,960</td> <td>228</td> <td>980</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119</td> <td>320</td> <td>219</td> <td>160</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>320</td> <td>220</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>280</td> <td>221</td> <td>140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>141</td> <td>1,280</td> <td>241</td> <td>640</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1,280</td> <td>242</td> <td>640</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>460</td> <td>243</td> <td>230</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>620</td> <td>244</td> <td>310</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> <td></td> </tr> <tr> <td>126</td> <td>180</td> <td>126</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td>40.00</td> </tr> <tr> <td>146</td> <td>740</td> <td>246</td> <td>370</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>149</td> <td>740</td> <td>249</td> <td>370</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>179</td> <td>740</td> <td>279</td> <td>370</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>169</td> <td>900</td> <td>169</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> <td colspan="4">SUBTOTAL (3) (\$ 40.00)</td> </tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td colspan="4">SUBTOTAL (3) (\$ 40.00)</td> </tr> </tbody> </table>				Large Entity	Small Entity				Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for ex parte reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	920	217	460	Extension for reply within third month		118	1,440	218	720	Extension for reply within fourth month		128	1,960	228	980	Extension for reply within fifth month		119	320	219	160	Notice of Appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,280	241	640	Petition to revive - unintentional		142	1,280	242	640	Utility issue fee (or reissue)		143	460	243	230	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee under 37 CFR 1.17(q)		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00	146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))		179	740	279	370	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____				SUBTOTAL (3) (\$ 40.00)				*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 40.00)			
Large Entity	Small Entity																																																																																																																																																																																																									
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																																																					
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																						
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																						
139	130	139	130	Non-English specification																																																																																																																																																																																																						
147	2,520	147	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																																						
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																						
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																						
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																						
116	400	216	200	Extension for reply within second month																																																																																																																																																																																																						
117	920	217	460	Extension for reply within third month																																																																																																																																																																																																						
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																																																						
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																																																																						
119	320	219	160	Notice of Appeal																																																																																																																																																																																																						
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																																																						
121	280	221	140	Request for oral hearing																																																																																																																																																																																																						
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																						
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																																						
141	1,280	241	640	Petition to revive - unintentional																																																																																																																																																																																																						
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																																																						
143	460	243	230	Design issue fee																																																																																																																																																																																																						
144	620	244	310	Plant issue fee																																																																																																																																																																																																						
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																						
123	50	123	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																						
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																						
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00																																																																																																																																																																																																					
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																						
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																						
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																																																																						
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																																						
Other fee (specify) _____				SUBTOTAL (3) (\$ 40.00)																																																																																																																																																																																																						
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 40.00)																																																																																																																																																																																																						
<p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>																																																																																																																																																																																																										
FEE CALCULATION																																																																																																																																																																																																										
<p>1. BASIC FILING FEE</p> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th colspan="2"></th> <th></th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>740</td> <td>201</td> <td>Utility filing fee</td> <td>385</td> </tr> <tr> <td>106</td> <td>330</td> <td>206</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>510</td> <td>207</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>740</td> <td>208</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>160</td> <td>214</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="4">SUBTOTAL (1) (\$ 385)</td> <td></td> </tr> </tbody> </table>								Large Entity	Small Entity				Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	101	740	201	Utility filing fee	385	106	330	206	Design filing fee		107	510	207	Plant filing fee		108	740	208	Reissue filing fee		114	160	214	Provisional filing fee		SUBTOTAL (1) (\$ 385)																																																																																																																																																															
Large Entity	Small Entity																																																																																																																																																																																																									
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																																																						
101	740	201	Utility filing fee	385																																																																																																																																																																																																						
106	330	206	Design filing fee																																																																																																																																																																																																							
107	510	207	Plant filing fee																																																																																																																																																																																																							
108	740	208	Reissue filing fee																																																																																																																																																																																																							
114	160	214	Provisional filing fee																																																																																																																																																																																																							
SUBTOTAL (1) (\$ 385)																																																																																																																																																																																																										
<p>2. EXTRA CLAIM FEES</p> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Independent Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>-20** = 0</td> <td>X</td> <td></td> <td>0</td> </tr> <tr> <td>1</td> <td>-3** = 0</td> <td>X</td> <td></td> <td>0.00</td> </tr> <tr> <td colspan="4">Multiple Dependent</td> <td></td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th colspan="2"></th> <th></th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> <th></th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>102</td> <td>84</td> <td>202</td> <td>43</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>104</td> <td>280</td> <td>204</td> <td>140</td> <td>Multiple dependent claim, if not paid</td> </tr> <tr> <td>109</td> <td>84</td> <td>209</td> <td>42</td> <td>** Reissue independent claims over original patent</td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> </tr> <tr> <td colspan="4">SUBTOTAL (2) (\$ 0.00)</td> <td></td> </tr> </tbody> </table>								Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid	9	-20** = 0	X		0	1	-3** = 0	X		0.00	Multiple Dependent					Large Entity	Small Entity				Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description		103	18	203	9	Claims in excess of 20	102	84	202	43	Independent claims in excess of 3	104	280	204	140	Multiple dependent claim, if not paid	109	84	209	42	** Reissue independent claims over original patent	110	18	210	9	** Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) (\$ 0.00)																																																																																																																																											
Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																																						
9	-20** = 0	X		0																																																																																																																																																																																																						
1	-3** = 0	X		0.00																																																																																																																																																																																																						
Multiple Dependent																																																																																																																																																																																																										
Large Entity	Small Entity																																																																																																																																																																																																									
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description																																																																																																																																																																																																							
103	18	203	9	Claims in excess of 20																																																																																																																																																																																																						
102	84	202	43	Independent claims in excess of 3																																																																																																																																																																																																						
104	280	204	140	Multiple dependent claim, if not paid																																																																																																																																																																																																						
109	84	209	42	** Reissue independent claims over original patent																																																																																																																																																																																																						
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																						
SUBTOTAL (2) (\$ 0.00)																																																																																																																																																																																																										

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY				
Name (Print/Type)	Tony D. Chen	Registration No. (Attorney/Agent)	36,998	Telephone (818) 783-0990
Signature	<i>Tony D. Chen</i>		Date	2-6-2004

WARNING: Information in this form may become public. Credit card information should not be included in this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**NONPUBLICATION REQUEST
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

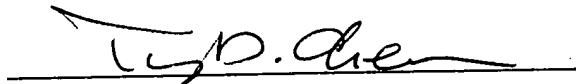
First Named Inventor **JACK YI PENG**Title **Three-Phase Nanocomposite**Atty Docket Number **27140.013**

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

2-6-2004

Date



Signature

Tony D. Chen

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATE PATENT AND TRADEMARK OFFICE

In re application of:

Serial No.: 0 /

Group No.:

Filed:

Examiner:

For:

**Assistant Commissioner for Patents
Washington, D.C. 20231**

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EV 312730518 US

Date of Deposit February 6, 2004

I hereby certify that the following attached paper or fee

PATENT SPECIFICATION, CLAIMS AND ABSTRACT

Entitled: **THREE-PHASE NANOCOMPOSITE**

by Inventor(s): **Jack Y. Peng, Mark R. van den Bergh and
William C. Harrigan, Jr.**

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Tony D. Chen

Typed or printed name of person mailing paper or fee

Tony D. Chen 2/6/04

Signature of person mailing paper or fee

NOTE: Each paper must have its own certificate and the "Express Mail" label number as a part thereof or attached thereto. When, as here, the certification is presented on a separate sheet, that sheet must (1) be signed and (2) fully identify and be securely attached to the paper or fee it accompanies. Identification should include the serial number and filing date of the application as well as the type of paper being filed, e.g. complete application, specification and drawings, responses to rejection or refusal, notice of appeal, etc. If the serial number of the application is not known, the identification should include at least the name of the inventor(s) and the title of the invention.

NOTE: The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.

Attorney' Docket No. 27140.013

PATENT

IN THE UNITED STATE PATENT AND TRADEMARK OFFICE

In re application of:

Serial No.: 0 / (to be assigned) Group N :

Filed: Examiner:

For:

Assistant Commissioner for Patents
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EV 312730518 US

Date of Deposit February 6, 2004

I hereby certify that the following attached paper or fee
ASSIGNMENT OF INVENTION

Entitled: THREE-PHASE NANOCOMPOSITE

by Inventor(s): Jack Y. Peng, Mark R. van den Bergh and
William C. Harrigan, Jr.

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Tony D. Chen

Typed or printed name of person mailing paper or fee

 2/6/04

Signature of person mailing paper or fee

NOTE: Each paper must have its own certificate and the "Express Mail" label number as a part thereof or attached thereto. When, as here, the certification is presented on a separate sheet, that sheet must (1) be signed and (2) fully identify and be securely attached to the paper or fee it accompanies. Identification should include the serial number and filing date of the application as well as the type of paper being filed, e.g. complete application, specification and drawings, responses to rejection or refusal, notice of appeal, etc. If the serial number of the application is not known, the identification should include at least the name of the inventor(s) and the title of the invention.

NOTE: The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.